

Hardenable compsn. for use as adhesive, encapsulating or casting resin - comprises di:isocyanate, poly:thiol, and catalyst

Patent number: DE4017941
Publication date: 1991-12-12
Inventor: MAERTIN ROLF DIPL CHEM DR (DE); BELLSTEDT
KLAUS DIPL CHEM DR (DE); FLAMMERSHEIM HANS-
JUERGEN DIPL (DE); KLEMM ELISABETH DIPL CHEM
DR S (DE)
Applicant: UNIV SCHILLER JENA (DE)
Classification:
- international: C08G18/16; C08G18/38; C08G18/52; C08G18/73;
C08G18/75
- european: C08G18/38H30, C08G18/73, C08G18/80B9,
C08G18/75B6C3
Application number: DE19904017941 19900605
Priority number(s): DE19904017941 19900605

Abstract of DE4017941

Compsns. (I) liq. at room temp. comprise (A) di-isocyanate (B) thiol of functionality at least 2 , and (C) catalyst.

USE/ADVANTAGE - Forming transparent (including to UV), glass-clear prods. for use as adhesives in optical industry, assembly adhesives or encapsulating material in microelectronics, adhesives in plastics processing and furniture industries and in construction of machines and vehicles, such as in bonding plastics to plastics, glass, or metals, metals to metals or glass, ceramics, also casting resins. At room temp. mixt. of (A) and (B) is stable but cures rapidly in presence of (C) without use of solvent, prod. is film-forming and has good adhesion to wide range of materials; prod. from aliphatic (A) and aliphatic (B) has good transparency upto 250nm and excellent resistance to radiation, e.g., unfiltered light from high pressure Hg lamp. (7pp Dwg.No.0/0)

Data supplied from the **esp@cenet** database - Worldwide